



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Timothy D. Flynn et al. :
Serial No.: 10/779,365 : Examiner: Not Assigned
Filed: February 13, 2004 : Art Unit: Not Assigned
For: METHOD OF INFERRING : Atty. Docket: BFM-02501
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Name: Tracey Newell

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicants and/or their attorney in compliance with the requirements of 37 C.F.R. 1.56. Copies of the documents are also being submitted.

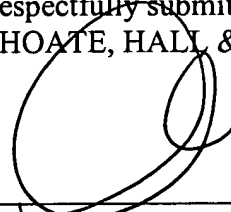
Since this Information Disclosure Statement is being filed within three months of the filing of the application, no fee is due.

The Examiner is respectfully requested to initial the space adjacent to each document on the PTO-1449 form and return a copy of the PTO-1449 form to confirm that these documents have been considered by the Examiner and made of record in this application.

Although we believe that we have appropriately provided for any fees due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any deficiencies to/from our **Deposit Account No. 03-1721**. Two originally-executed copies of this form are being submitted.

Should there be any questions after reviewing this paper, the Examiner is invited to contact the undersigned at 617-248-4042.

Respectfully submitted,
CHOATE, HALL & STEWART



Anne E. Saturnelli
Registration No. 41,290

Date: May 7, 2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/779,365
				Filing Date	February 13, 2004
				First Named Inventor	Timothy D. Flynn, et al.
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	BFM-02501

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-6,466,888 B1	Oct. 15, 2002	Kelly McCool, et al.	
		US-5,751,609	May 12, 1998	Carl G. Schaefer, Jr., et al.	
		US-5,901,272	May 4, 1999	Carl G. Schaefer, Jr., et al.	
		US-5,890,101	Mar. 30, 1999	Carl G. Schaefer, Jr., et al.	
		US-5,987,397	Nov. 16, 1999	Kelly McCool, et al.	
		US-6,473,746 B1	Oct. 29, 2002	Radoslaw Romuald Zakrzewski	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
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Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	2	of	2	Attorney Docket Number	BFM-02501
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Complete if Known

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Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	Flight State Recognition with Neural Networks – A Step to an Overall Usage Monitoring System by E. BRAND and B. KRUMME, Eurocopter Deutschland GMBH, Munchen, Germany	<input type="checkbox"/>
	AB	Virtual Sensors – A Real-Time Neural Network-Based Intelligent Performance and Emissions Prediction System for On-Board Diagnostics and Engine Control by Chris ATKINSON and Mike TRAVER, West Virginia University and Theresa LONG and Emil HANZEVACK, NeuroDyne, Inc.	<input type="checkbox"/>
	AC	Helicopter Gross Weight Determination from Monitored Parameters by John G. MOFFATT, prepared for Aviation Applied Technology Directorate, U.S. Army Aviation and Troop Command, Fort Eustis, VA, March 1996.	<input type="checkbox"/>
	AD	MH-47E Structural Usage Monitoring System (SUMS) Fleet Demonstration Results by Eric ROBESON, presented at the American Helicopter Society 56 th Annual Forum, Virginia Beach, VA, May 2-4, 2000.	<input type="checkbox"/>
	AE	The IMD HUMS as a Tool for Rotorcraft Health Management and Diagnostics by Robert HESS, Alan DUKE and David KOGUT, BFGoodrich Aerospace Fuel and Utility Systems, Vergennes, VT, © 2001 IEEE.	<input type="checkbox"/>
	AF	Voronoi Diagrams – A Survey of a Fundamental Geometric Data Structure by Franz AURENHAMMER, ACM Computing Surveys, Vol. 23, No. 3, September 1991.	<input type="checkbox"/>
	AG	Neural Network Development Foundations for Low Airspeed Prediction by Miguel A. MORALES, Computer Sciences Corporation, © 1999 IEEE.	<input type="checkbox"/>
	AH	Feasibility of Aircraft Gross Weight Estimation Using Artificial Neural Networks by Miguel A. MORALES and David J. HAAS, presented at the American Helicopter Society 57 th Annual Forum, Washington, DC, May 9-11, 2001.	<input type="checkbox"/>
	AI	Adaptive Filter Theory, Simon Haykin, Prentice Hall Information and System Sciences Series, 2 nd Edition, "Maximum –Likelihood Estimation", pages 791-794.	<input type="checkbox"/>
	AJ	Applied Optimal Estimation, Arthur Gelb, MIT Press, 1974, "Optimal Linear Filtering", pages 106-111.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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